

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A security system for networks, comprising

(I) a first portable unit (1) comprising:

a memory (3) for storing a worldwide unambiguous key record (4),

a first transmitter (6) provided for short-range information transmission of the key record (4) to at least one apparatus (2) of the network **during a configuration stage to be stored in said at least one apparatus,**

(II) said at least one apparatus (2) of the network comprising:

a receiving unit (7) comprising:

a) a receiver (9) for receiving the key record (4) from the first portable unit (1) via said short range transmission **during said configuration stage** to allow secure communication with at least one other apparatus (2) of the network **during an authentication stage**; and

b) an evaluation component (11) of the apparatus (2) for storing, processing and/or passing on the key record (4) or a part of the key record to a second component of the at least one apparatus (2) **during said authentication stage**.

2. (Previously Presented) A security system as claimed in claim 1, the first portable unit (1) further comprises a triggering unit (5) for triggering a short-range transmission of the key record to said at least one apparatus (2) of the network.

3. (Previously Presented) A security system as claimed in claim 1, , upon a user's approach to the receiving unit (7), a detector unit in the portable unit (1) is provided for triggering the short-range information transmission of the key record (4) to said at least one apparatus (2) of the network.

4. (Previously Presented) A security system as claimed in claim 1, wherein a key generator (14) is provided in the first unit (1) or in a second unit (13) for generating a sequence of guest key records (17).

5. (Previously Presented) A security system as claimed in claim 2, wherein the first portable unit (1) is configured to transmit a guest key record (17) upon activation of a second triggering unit (15).

6. (Previously Presented) A security system as claimed in claim 1, wherein the key record (4) and the guest key record (17) each consist of a bit sequence.

7. (Previously Presented) A security system as claimed in claim 1, wherein the portable first unit (1) is a part of an apparatus, particularly a remote control unit.

8. (Previously Presented) A security system as claimed in claim 1, wherein the key record (4) is supplied by the first portable unit (1) during or before a network configuration, particularly an automatic network configuration, of an apparatus (2).

9. (Previously Presented) A security system as claimed in claim 6, wherein the key record (4) and the guest key record (17) comprise characterizing bits which are provided for distinguishing between key records (4, 17) and other bit sequences and characterize bit sequences as key record (4) or as guest key record (17).

10. (Previously Presented) A security system as claimed in claim 4, wherein the apparatus (2) is provided for erasing the guest key record (17).

11. (Previously Presented) A security system as claimed in claim 4, wherein the apparatus (2) is provided for authentication and encryption of useful data to be transmitted between the apparatuses of the network by means of a key comprised in the key record (4, 17).

12. (Previously Presented) A security system as claimed in claim 1, wherein the apparatus (2) is a powerline communication apparatus.

13. (Original) A powerline communication network, characterized by a security system as claimed in claim 1.

14. (Currently Amended) A portable unit (1) for installing a shared key in at least one apparatus (2) of a wireless network:

the portable unit (1) comprising:

a memory (3) for storing a worldwide unambiguous key record (4) which is provided for short-range information transmission of the key record to the at least one apparatus (2) of the network **during a configuration stage to be stored in the at least one apparatus;**

a transmitter (6) for transmitting the key record to the at least one apparatus (2) of the network; and

means for triggering a transmission of the key record via the transmitter.

15. (Currently Amended) A wireless network apparatus (2) comprising:-

a receiving unit (7) comprising:

a receiver (9) for receiving a key record (4) from a portable unit (1) configured to transmit the key record to the receiver (9) via a short-range transmission **during a configuration stage;** and

an evaluation component (11) for receiving the key record (4) from the receiver (9), storing, processing and/or passing on the key record or a part of the key record to a second component (10) of the wireless network apparatus (2) **during an authentication stage.**